

MOBILE PACKET COMMUNICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

5 The present invention concerns a mobile packet communication system that supports data communications, including Internet communications, in a high-speed mobile communication system such as a cellular communication network, and integrates a mobile network
10 and a fixed network on a common platform while providing the capability to select an optimum route. Location registration servers 1-4-1 to 1-4-3 each store in a one-to-one fashion the addresses of subscriber nodes 1-2-1 to 1-2-2 currently serving mobile terminals 1-1-1 to 1-
15 1-2 each assigned a packet address, or store in a one-to-one fashion the addresses of gate nodes 1-3-1 to 1-3-2 connected to fixed equipment 1-5-1 to 1-5-2 each assigned a packet address, and a transmitting node, which is a subscriber node or a gate node, temporarily
20 stores a receiving node address reported from the corresponding one of the location registration servers 1-4-1 to 1-4-3, and transfers subsequent packets directly to the receiving node by using the temporarily

stored receiving node address.